

Bridge Bundling Local Agency Pilot

DBE Open House & Matchmaking Event

OCTOBER 23, 2020

1:00 PM

Coordination



Agenda

- ▶ Welcome & Introductions
- ▶ Project Background & Overview
- ▶ Project Goals & Objectives
- ▶ MDOT OBD Overview
- ▶ Project Scope & Schedule



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Agenda

- ▶ Project Organizational Chart – Roles & Responsibilities
- ▶ Project DBE Opportunities
- ▶ Procurement Process & Requirements
- ▶ Contact Information
- ▶ 15-20 Minute Question/Answer
- ▶ ZOOM Matchmaking Sessions



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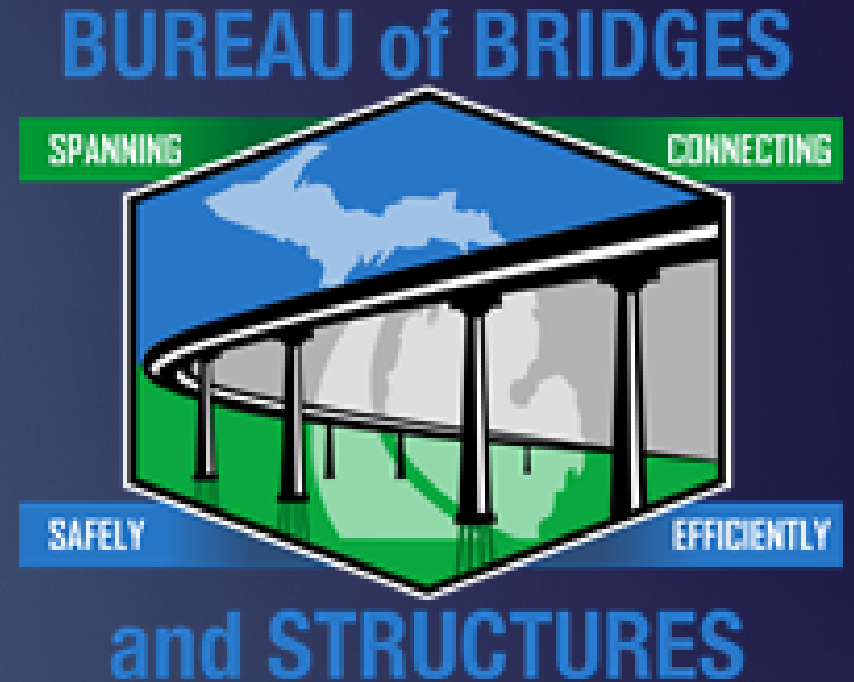
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Welcome & Introductions

Matt Chynoweth, P.E.

MDOT Chief Bridge Engineer

Director, Bureau of Bridges & Structures



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Disclaimer

“Nothing in this presentation or call is intended to supercede any direction or information or requirement that is currently included in the RFQ or that will be provided in the ITP or RFP for the pilot project...this is an informal proceeding intended to facilitate the DBE participation process in the bundle.”

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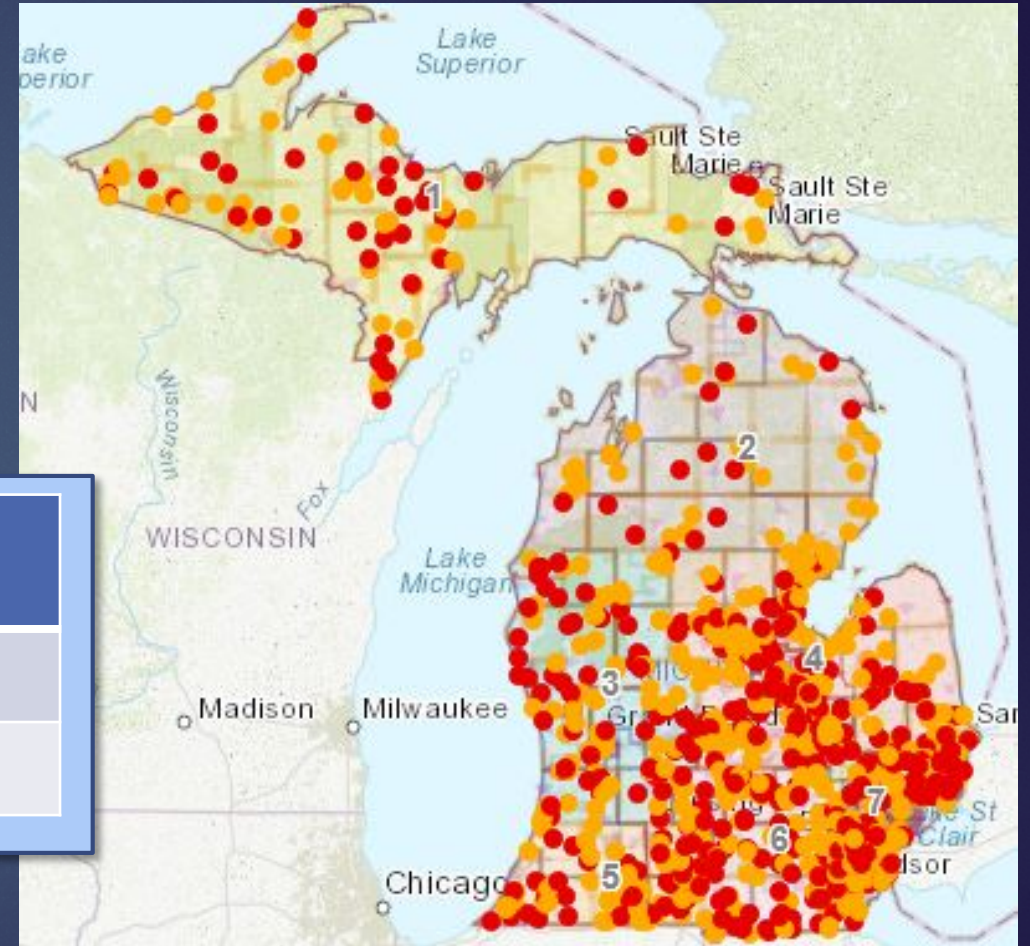


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Background & Overview

- ▶ Journey began over 3 years ago
- ▶ ‘Emerging crisis’ in local bridge system condition identified

Month/Year	Serious/Critical Local Bridges	Load Restricted Local Bridges
May 2019	413	1029
July 2020	400	1056



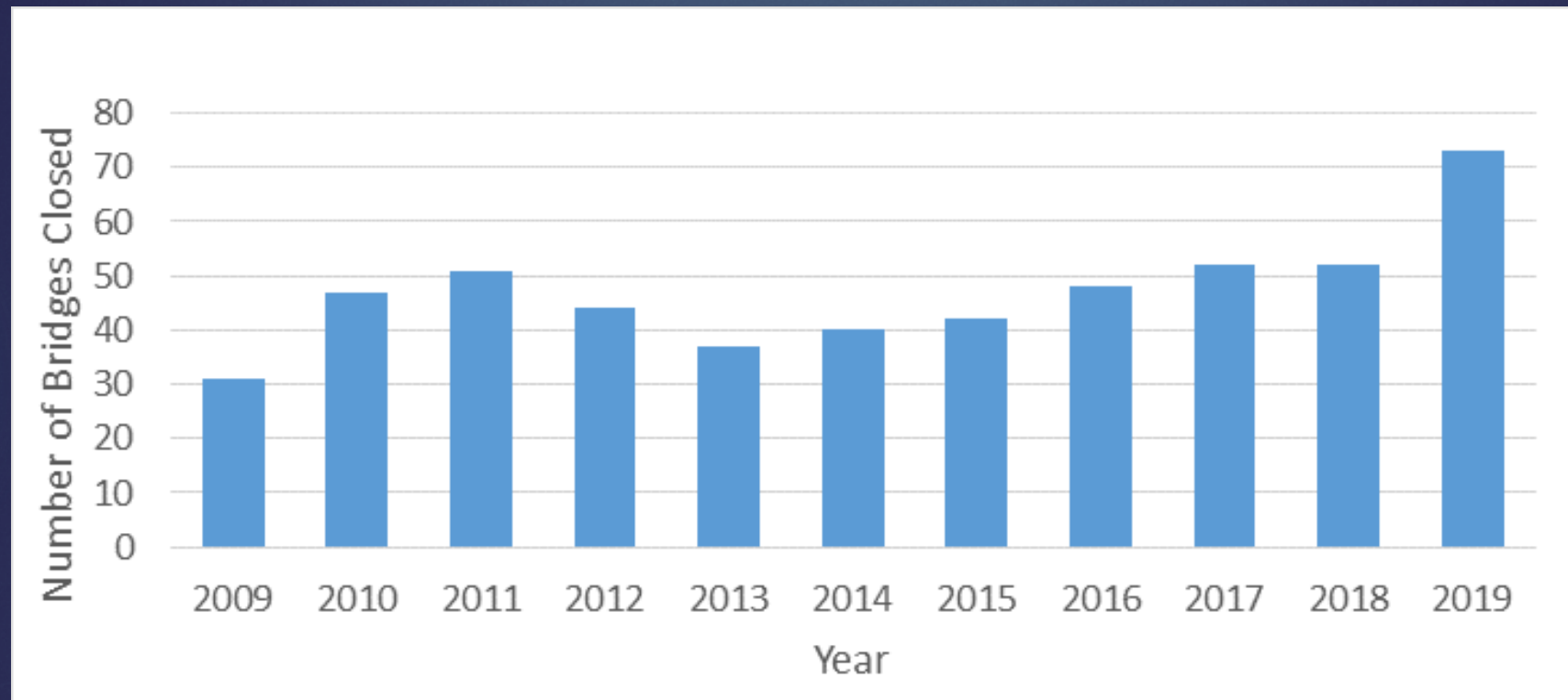
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Background & Overview

- Growing dilemma of condition-based Michigan bridge closures



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Background & Overview

- ▶ 2016 - FHWA 'Fast Act' Bridge Program Incentive to Bundle Bridges
- ▶ Policy discussions underway at MDOT
- ▶ 2017 – Internal team began reviewing network-level data
- ▶ 2018 – Statewide Feasibility Study launched
- ▶ Engaged with PennDOT, MoDOT, and contractors on previous bundles



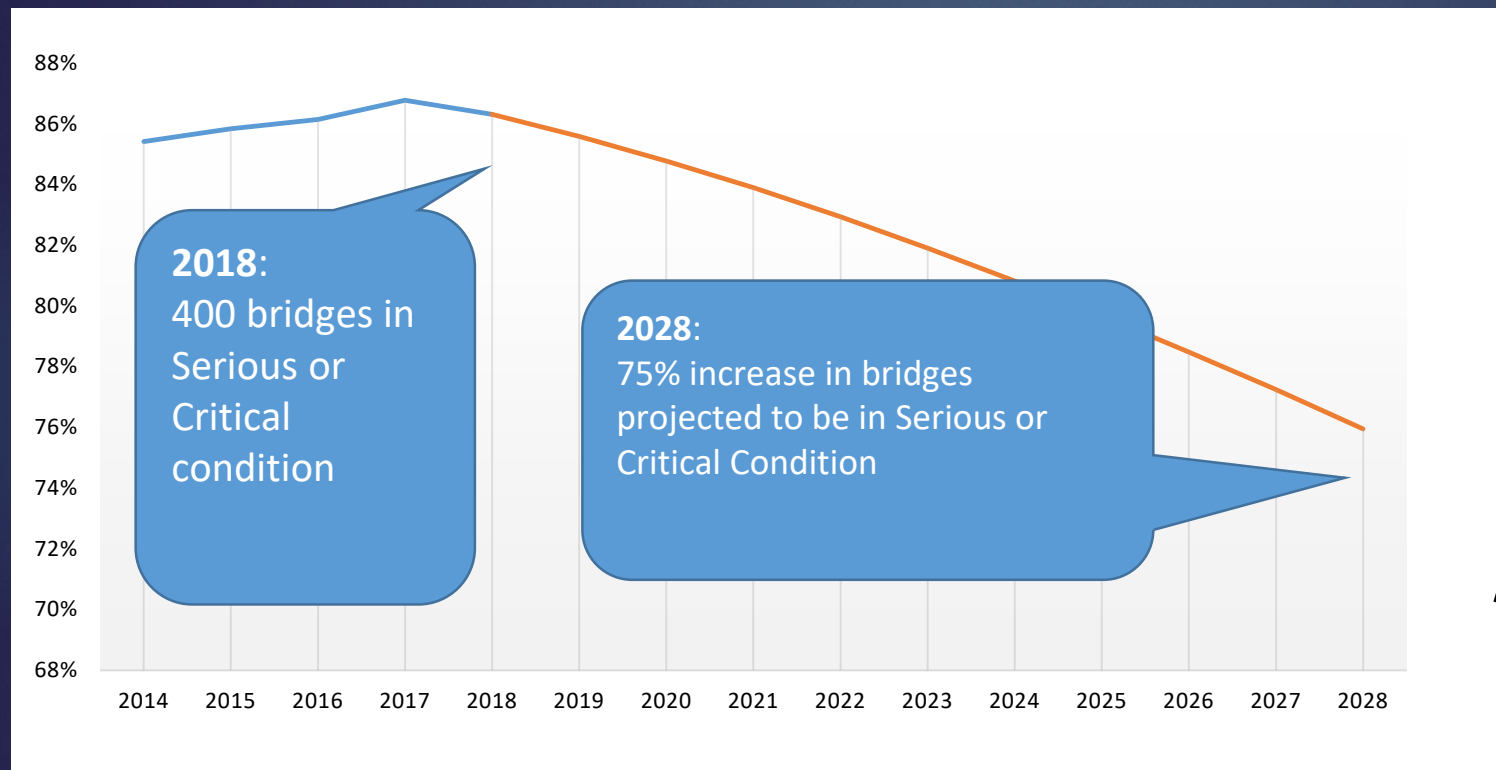
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Background & Overview

► Feasibility Study – ‘Making the Case’



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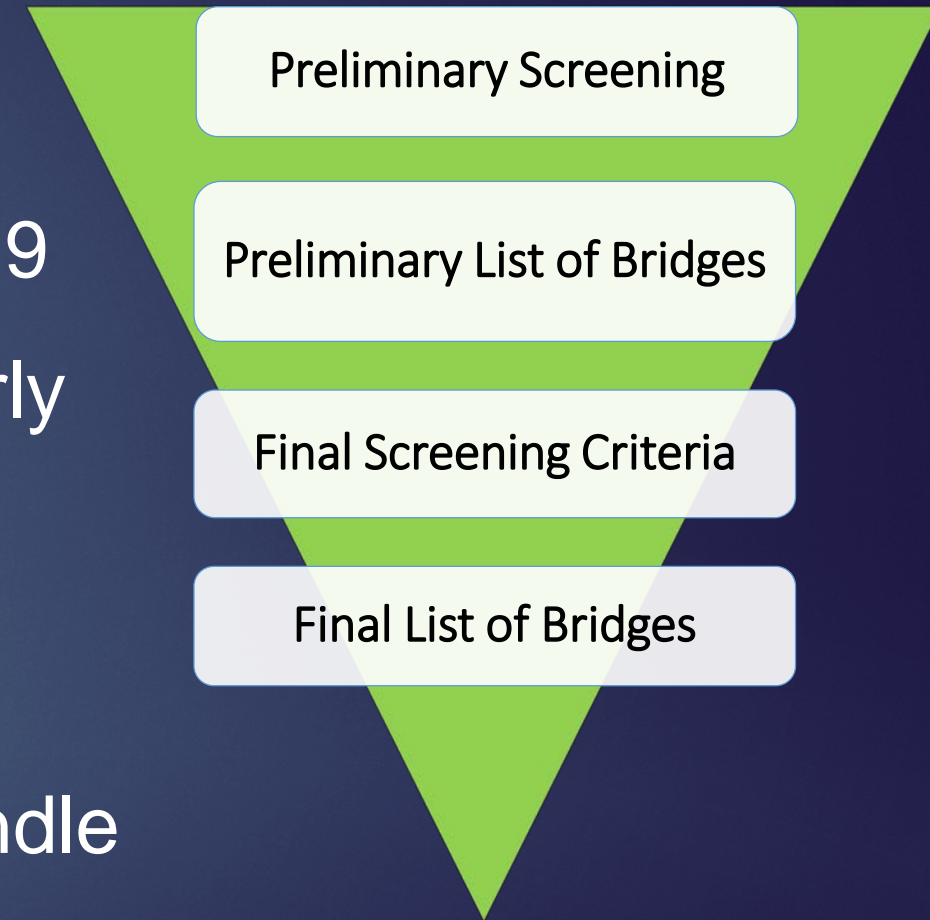


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Background & Overview

Pilot Development:

- ▶ Preliminary Screening - December 2019
- ▶ Procurement of Consultant Team – Early 2020
- ▶ Final screening & scoping - May-July 2020
- ▶ 20 bridges advanced into final pilot bundle



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Background & Overview

- ▶ Questions?
- ▶ Comments?



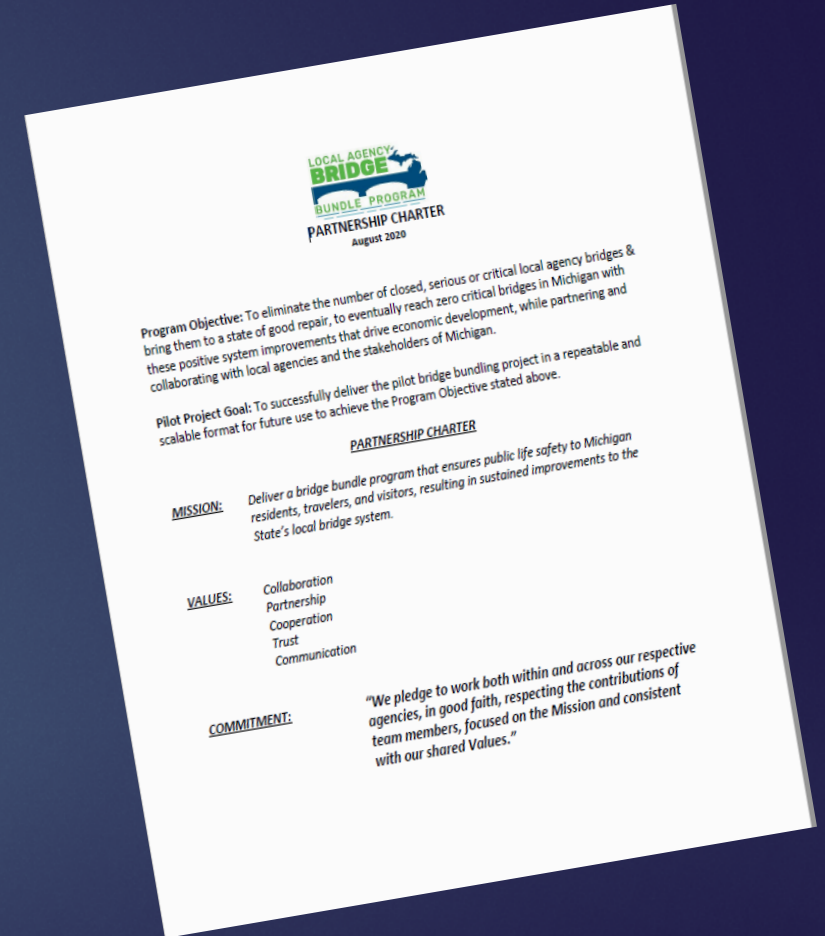
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Project Goals & Objectives

- ▶ Reduce the number of Serious and Critical bridges
- ▶ Require zero local agency match
- ▶ Develop Michigan experience implementing local agency bridge bundles
- ▶ Demonstrate collaborative, partnering model with participating agencies



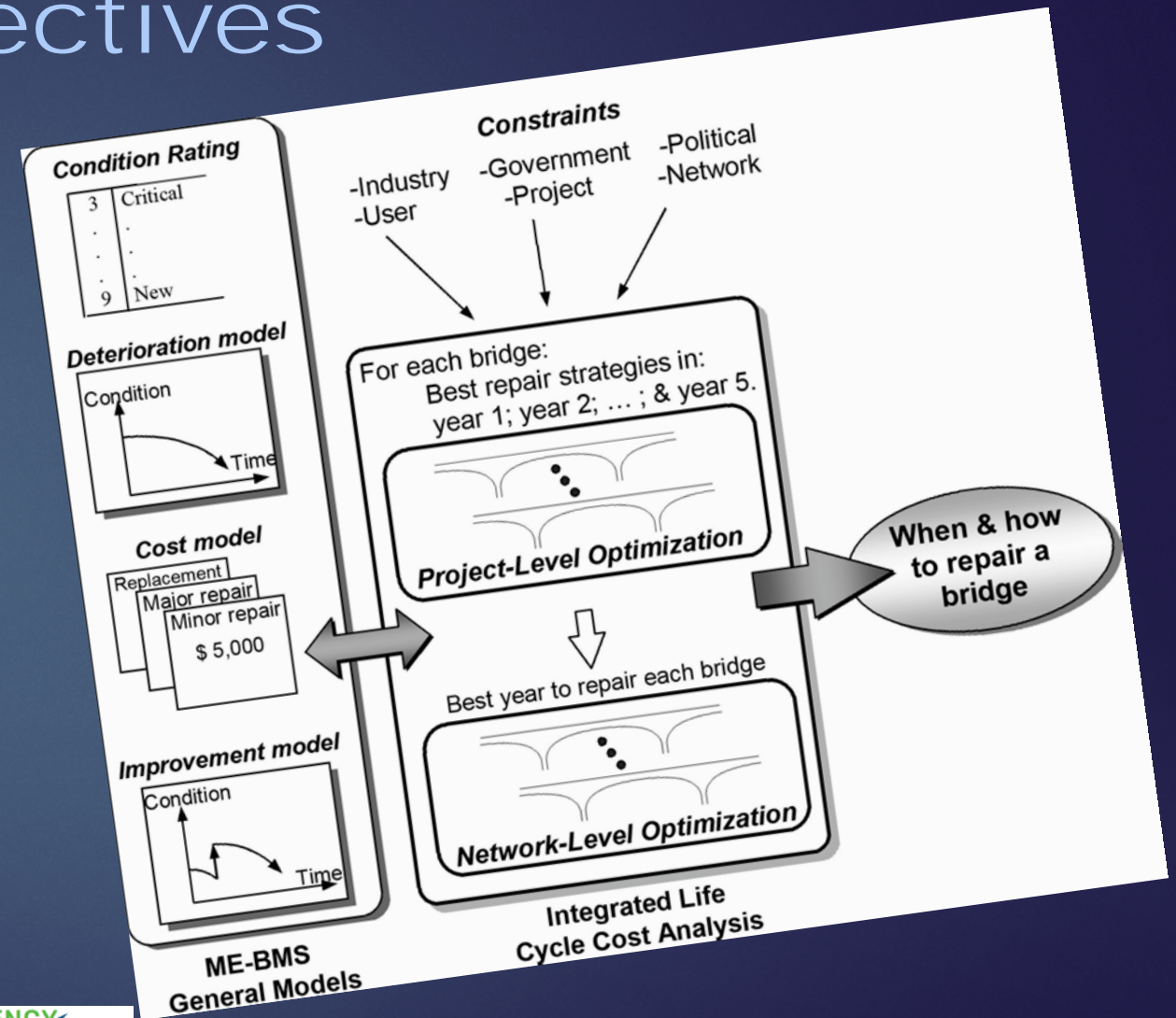
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Project Goals & Objectives

- ▶ Deliver a successful pilot to increase buy-in for a future collaborative and coordinated Michigan Bridge Bundling Program
- ▶ Develop maintenance and lifecycle bridge asset management plans for participating agencies
- ▶ Surpass DBE Goal of 5%



MDOT DBE Overview

- ▶ The U.S. Department of Transportation's (USDOT) Disadvantaged Business Enterprise (DBE) Program provides contracting opportunities to DBE firms.
- ▶ Each USDOT-assisted state and local transportation agency is required to establish annual DBE goals by reviewing the scopes of anticipated prime contracts throughout the year.



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MDOT DBE Overview

- ▶ A certified DBE business meets requirements of 49 Code of Federal Regulations Part 26 (49 CFR Part 26).
- ▶ Federal Aviation Administration (FAA) DBE concessionaires must meet requirements at 49 CFR Parts 26 and 23
- ▶ DBE businesses are owned and controlled by socially and economically disadvantaged individuals.
- ▶ DBE businesses must not exceed the personal net worth or business size standards.
- ▶ Almost all DBEs are owned by women and/or minorities.



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DBE Questions?

Contact:

1-866-DBE-1264

MDOT-DBE@michigan.gov



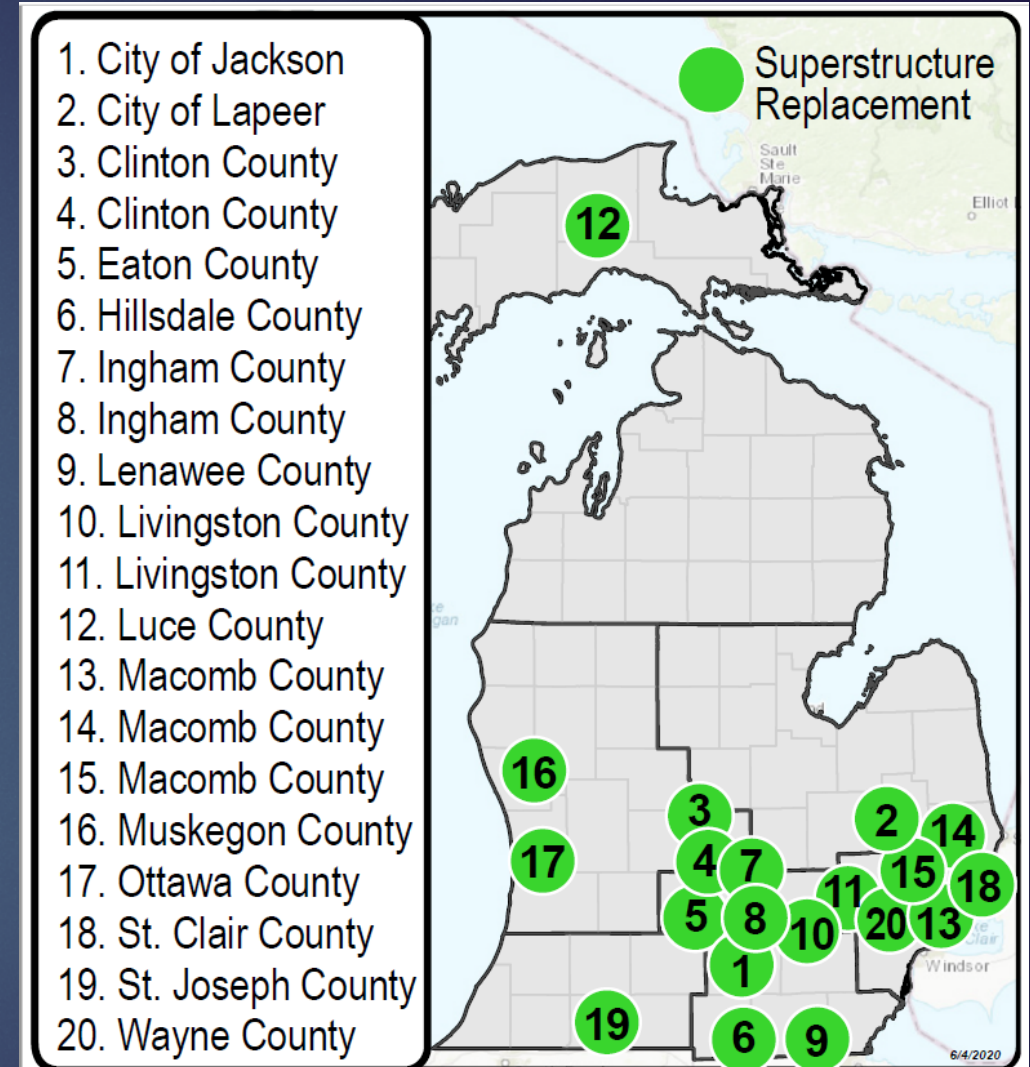
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Project Scope

- ▶ Design and construction of 20 separate bridges owned by 15 different agencies
- ▶ 20 Superstructure Replacements (deck and/or beams)
- ▶ All work will be performed under full closures
- ▶ No incentive/disincentives
- ▶ Work is primarily on rural, lower volume routes
- ▶ Liquidated Damages per MDOT SS (Likely to be triggered if closure period is exceeded)



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Project Scope - Location-Specific Data

- ▶ Clinton County – Structure 1915 – built in 1969
- ▶ NBI Rating - Serious Condition
- ▶ Proposed fix – Superstructure Replacement
- ▶ Carries two lanes of Tallman Road traffic over the Maple River



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Project Scope - Location-Specific Data

- ▶ Clinton County – Structure 2020 – built in 1985
- ▶ NBI Rating - Critical Condition
- ▶ Proposed Fix – Superstructure Replacement and Substructure Patching
- ▶ Carries two lanes of Herbison Road traffic over the Looking Glass River



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Project Scope - Location-Specific Data

- ▶ Eaton County – Structure 2340 – built in 1959
- ▶ NBI Rating - Serious Condition
- ▶ Proposed Fix – Superstructure Replacement and Substructure Patching
- ▶ Carries two lanes of Five Point Highway traffic over the Battle Creek River



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Project Scope - Location-Specific Data

- ▶ Hillsdale County – Structure 3295 – built in 1966
- ▶ Proposed Fix – Superstructure Replacement with minor widening and Substructure Patching
- ▶ Carries two lanes of Squawfield Road traffic over the East Branch of St. Joseph of Maumee River



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Project Scope - Location-Specific Data

- ▶ Ingham County – Structure 3887 – built in 1968
- ▶ NBI Rating - Serious Condition
- ▶ Proposed Fix – Superstructure Replacement with (minor) widening and Substructure Patching
- ▶ Carries two lanes of Linn Road traffic over Deer Creek



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Project Scope - Location-Specific Data

- ▶ Ingham County – Structure 3919
– built in 1945
- ▶ NBI Rating - Serious Condition
- ▶ Proposed Fix – Superstructure Replacement and Substructure Patching
- ▶ Carries two lanes of Dennis Road traffic over Doan Creek



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Project Scope - Location-Specific Data

- ▶ City of Jackson – Structure 4539 – built in 1984
- ▶ NBI Rating – Serious Condition
- ▶ Proposed Fix - Superstructure Replacement with (minor) widening and Substructure Patching
- ▶ Carries two lanes of East Washington Street traffic over the Grand River



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Project Scope - Location-Specific Data

- ▶ City of Lapeer – Structure 5483 – built in 1978
- ▶ NBI Rating - Serious Condition
- ▶ Proposed Fix - Superstructure Replacement with (minor) widening and Substructure Patching
- ▶ Carries two lanes of Bentley Street traffic over Farmers Creek



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Project Scope - Location-Specific Data

- ▶ Lenawee County – Structure 5585
– built in 1963
- ▶ NBI Rating - Critical Condition
- ▶ Proposed Fix – Superstructure Replacement and Substructure Patching
- ▶ Carries two lanes of Sand Creek Highway traffic over the River Raisin South Branch



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Project Scope - Location-Specific Data

- ▶ Livingston County – Structure 5812 – built in 1948
- ▶ NBI Rating - Serious Condition
- ▶ Proposed Fix – Superstructure Replacement with (minor) widening and Substructure Patching
- ▶ The structure carries two lanes of Iosco Road traffic over the West Branch of the Red Cedar River Drain



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Project Scope - Location-Specific Data

- ▶ Livingston County – Structure 5816 – built in 1986
- ▶ NBI Rating - Critical Condition
- ▶ Proposed Fix – Superstructure Replacement and Substructure Patching
- ▶ Carries two lanes of Mason Road traffic over the South Branch of the Shiawassee River



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Project Scope - Location-Specific Data

- ▶ Luce County – Structure 5918 – built in 1951
- ▶ NBI Rating - Serious Condition
- ▶ Proposed Fix – Superstructure Replacement
- ▶ Carries two lanes of Dollarville Road traffic over the Teaspoon Creek



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Project Scope - Location-Specific Data

- ▶ Macomb County – Structure 6216
– built in 1968
- ▶ NBI Rating - Serious Condition
- ▶ Proposed Fix – Superstructure Replacement and Substructure Patching
- ▶ Carries two lanes of 26 Mile Road traffic over the North Branch of the Clinton River



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Project Scope - Location-Specific Data

- ▶ Macomb County – Structure 6287
– built in 1983
- ▶ NBI Rating - Serious Condition
- ▶ Proposed Fix – Superstructure Replacement with (minor) widening
- ▶ Carries two lanes of 33 Mile Road traffic over the East Branch of Coon Creek



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Project Scope - Location-Specific Data

- ▶ Macomb County – Structure 6381 – built in 1964
- ▶ NBI Rating - Serious Condition
- ▶ Proposed Fix – Superstructure Replacement and Substructure Patching
- ▶ Carries two lanes of 31 Mile Road traffic over the Tupper Brook Drain



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Project Scope - Location-Specific Data

- ▶ Muskegon County – Structure 7660 – Built in 1985
- ▶ NBI Rating - Serious Condition
- ▶ Proposed Fix – Superstructure Replacement and Substructure Patching
- ▶ Carries two lanes of Maple Island Road traffic over Brooks Creek.



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Project Scope - Location-Specific Data

- ▶ Ottawa County – Structure 8810 – built in 1980
- ▶ NBI Rating - Serious Condition
- ▶ Proposed Fix – Superstructure Replacement and Substructure Patching
- ▶ Carries two lanes of Byron Road traffic over the Black River



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Project Scope - Location-Specific Data

- ▶ St. Clair County – Structure 10099 – built in 1986
- ▶ NBI Rating - Serious Condition
- ▶ Proposed Fix – Superstructure Replacement and Substructure Patching
- ▶ Carries two lanes of Palms Road traffic over Belle River



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Project Scope - Location-Specific Data

- ▶ St. Joseph County – Structure 10316 – built in 1963
- ▶ NBI Rating - Serious Condition
- ▶ Proposed Fix – Superstructure Replacement with (minor) widening and Substructure Patching
- ▶ Carries two lanes of Nottawa Road traffic over Prairie River



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Project Scope - Location-Specific Data

- ▶ Wayne County – Structure 12073 – built in 1961
- ▶ NBI Rating - Poor Condition
- ▶ Proposed Fix – Superstructure Replacement with (minor) widening and Substructure Patching
- ▶ Carries two lanes of E N Hines Drive traffic over the Middle Rouge River

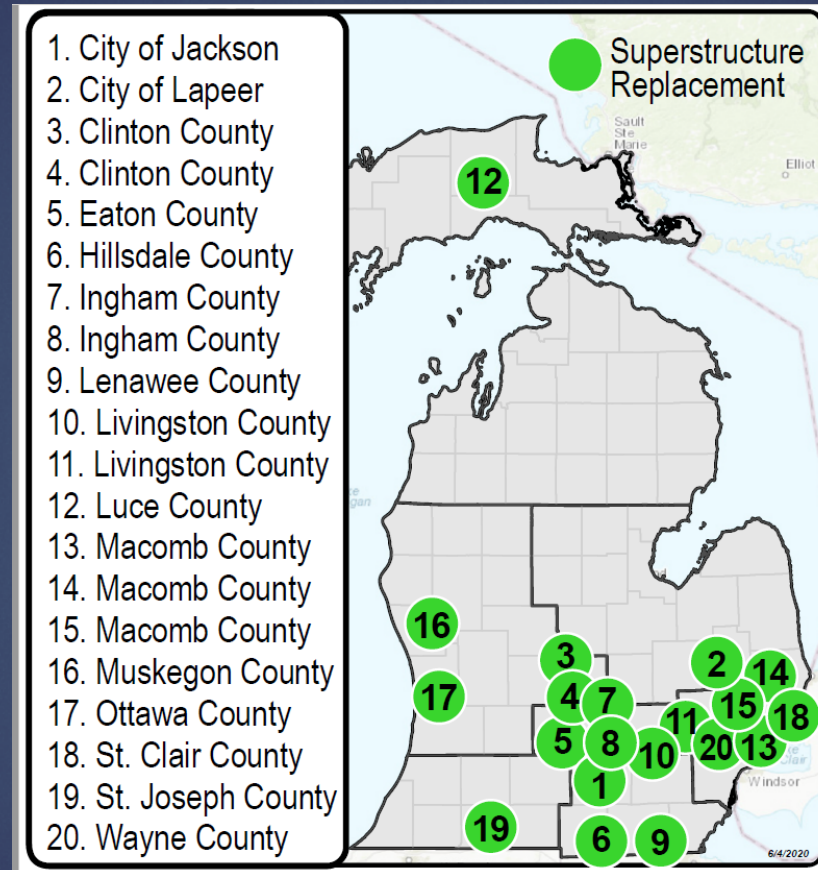


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Project Scope – Questions?



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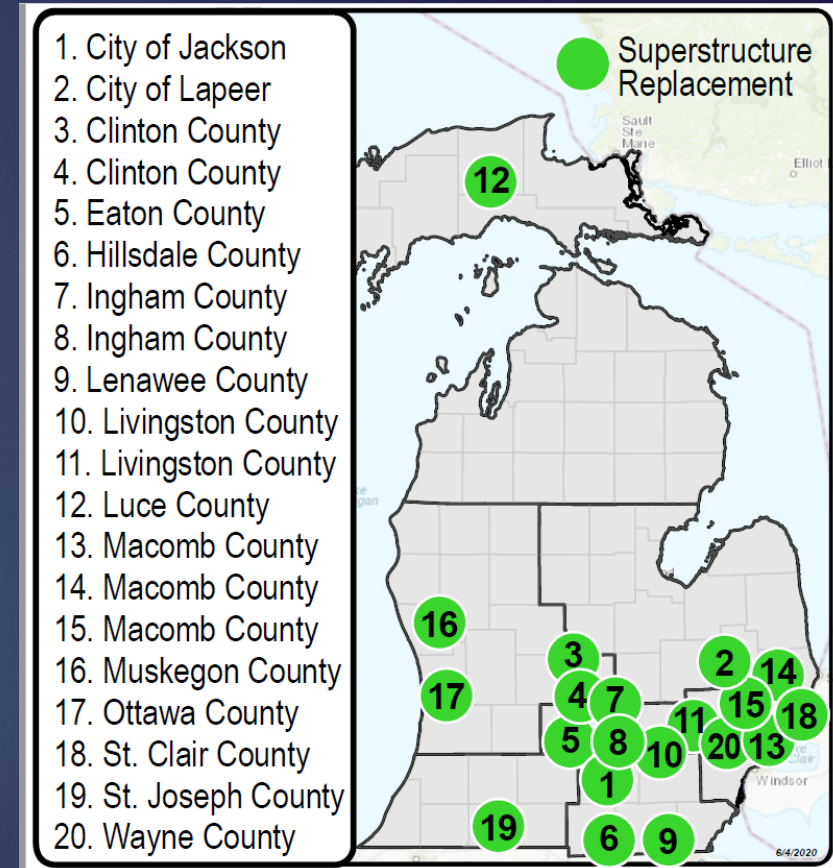


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Project Schedule

Statewide Design-Build Bundle Contract

- ▶ Request for Qualifications – June 2020
- ▶ Shortlisting of Proposers – August 2020
- ▶ Request for Proposals – Expected November 2020



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Project Schedule

- ▶ Proposals Due – February 2021
- ▶ Contract Award – Expected March 2021
- ▶ Final Design – Spring/Summer 2021
- ▶ Construction Completion – November 2023

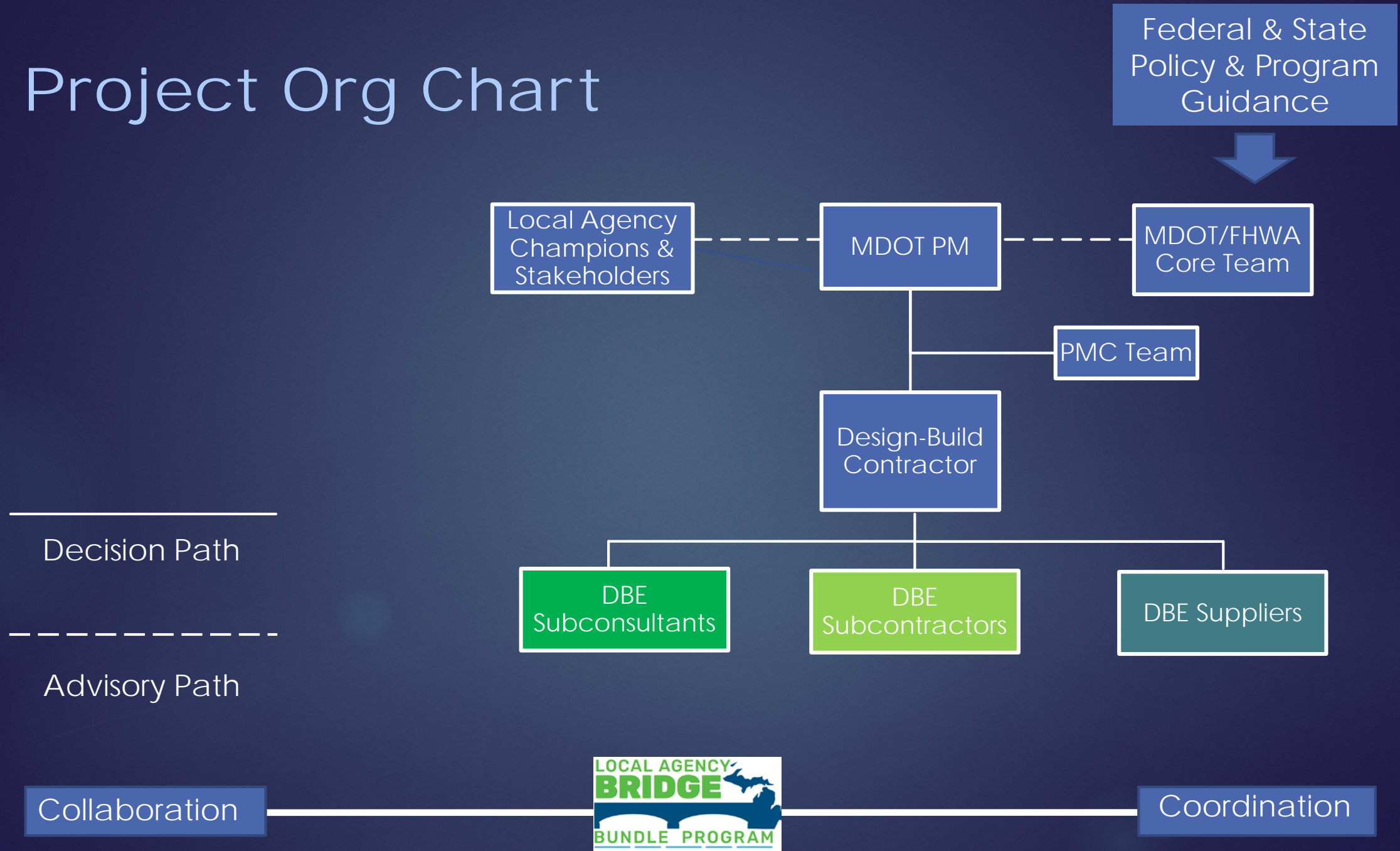


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Project Org Chart



Shortlisted Submitters

- ▶ CA Hull Co., Inc/AnLaan Corp.
- ▶ Davis Construction/Z Contractors
- ▶ Hardman Construction/Millbocker & Son Inc.
- ▶ Kiewit Infrastructure Co.
- ▶ Toebe Construction

Design-Build
Contractor

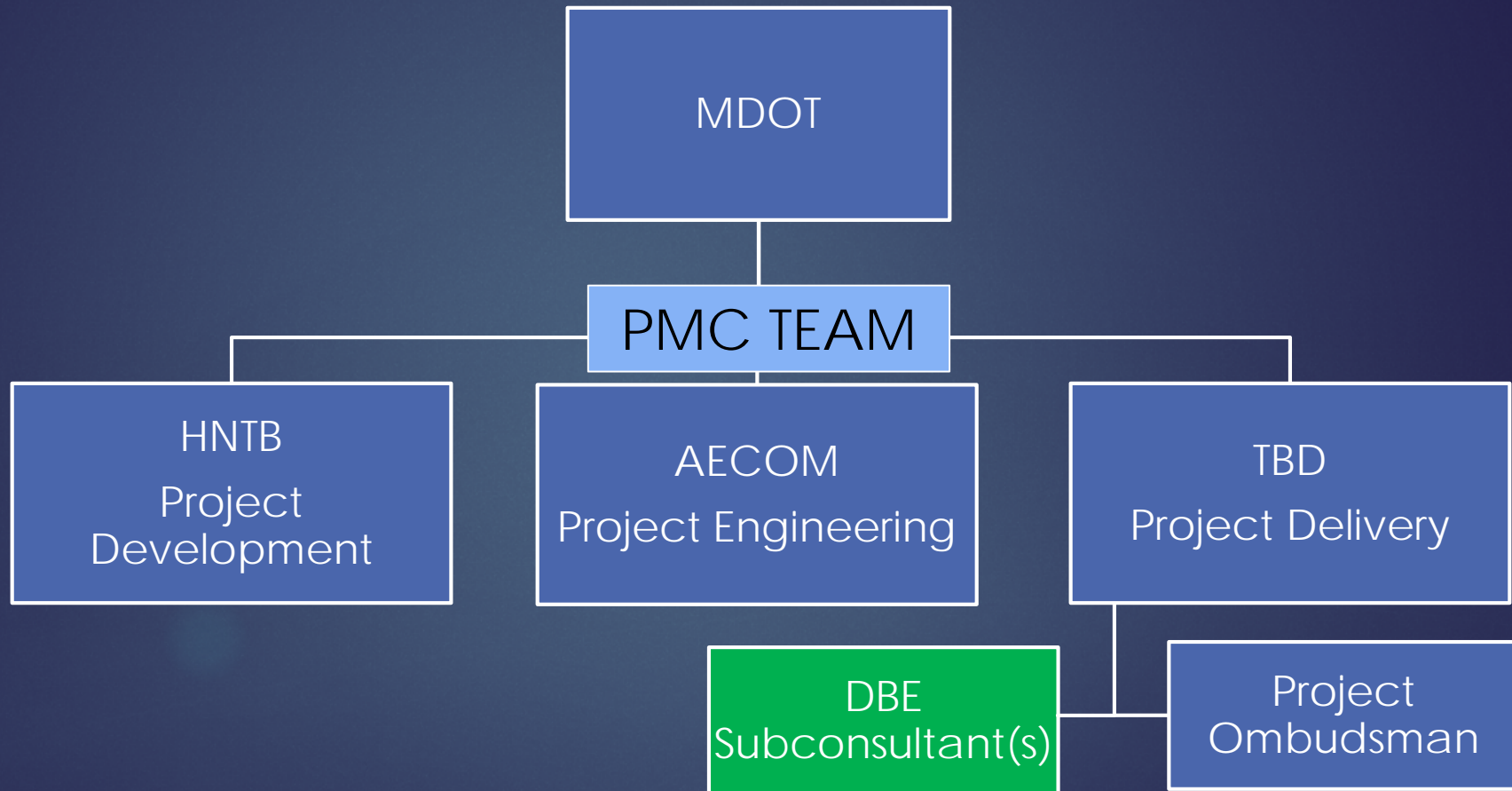
See contact information in the meeting agenda packet

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Project Org Chart



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Project Roles & Responsibilities

Team Member	Primary Role	Primary Responsibility	Other Responsibilities
Local Agency	Asset Owner	Long-Term Maintenance & Operation	Sign-off on MOT, Structure Types NA, Permit Applications
Local Champion	Point of Contact for Locals & MDOT	Resource for MDOT and General Public	Provide Project Support & Input
MDOT	Contract Owner; Project Management & Administration	Contract Administration; Decision-Maker at Program and Project Level	Public & Stakeholder Engagement; SOM Administration Support
PMC Team	MDOT Support Team	Program & Technical Support	As Needed Technical Resource
FHWA	Provide Funding & Policy Guidance	Overall Program Oversight	National Best Practice & Policy Support
EGLE, USFW, SHPO	Regulatory Partners	Review & Approve Permits	Environmental Policy Support
CRA, MML	Partner Association	Overall Program Support	Routine Legislative and Logistical Support

Project Roles & Responsibilities

- ▶ The bridge bundle project will be administered by MDOT as a state trunkline project, not as a local agency project
- ▶ Project-level administration responsibilities will be handled by MDOT's PMC Team



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Project DBE Opportunities

- ▶ The DBE opportunities associated with the Bundle Design-Build Contract are:
 - ▶ Construction subcontractor
 - ▶ Supplier
 - ▶ Subconsultant



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Project DBE Opportunities

- ▶ Refer to Opportunity Matrix in Meeting Packet
- ▶ Focus of this event are the opportunities with the design-builder
- ▶ Check Items shaded in Red for work items to focus on
- ▶ This is NOT intended to be a limiting note or observation---just a perspective from the PMC Team on likely areas of focus
- ▶ Matchmaking sessions intended to exchange information on interest and need



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Project DBE Opportunities

- ▶ The DBE opportunities associated with the Bundle PMC are:
 - ▶ Directly or indirectly with MDOT's CEI PMC as a professional or technical consultant



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Procurement Process & Requirements

- ▶ DBEs must be certified as a DBE in Michigan and must be prequalified in the area of work they are seeking
- ▶ Information on how to become prequalified and certified can be found on MDOT's Website at MDOT - Disadvantaged Business Enterprise



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Procurement Process & Requirements

- ▶ From the RFQ Document
- ▶ 6.3 Proposal Evaluations
 - ▶ “MDOT has determined that award of the Project will be based on a qualified bid to obtain the most cost effective and efficient Proposer to deliver the Project. The bids will be evaluated by combining the construction cost, shared risk items, and road user delay impacts (if applicable) to achieve a low bid.”



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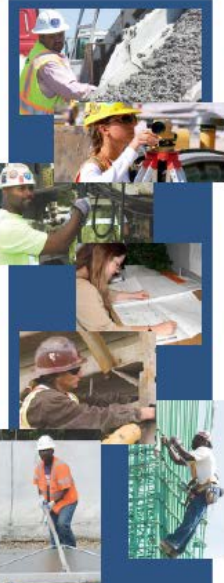
Contact Information

► DBE Certification

- Nick Sundberg - sundbergn@Michigan.gov – 517-241-4806

► DBE prequalification

- Construction – Theresa Myrick – myrickt@Michigan.gov – 517-335-4442
- Consultant – Tammy Arnold – arnoldt1@Michigan.gov – 517-335-5827



TAKE A LOOK AT
THE MICHIGAN DEPARTMENT
OF TRANSPORTATION'S (MDOT'S)
**DISADVANTAGED
BUSINESS
ENTERPRISE (DBE)
PROGRAM**

MDOT is looking for minorities, women, and socially and economically disadvantaged business owners to become DBE certified. If you own a business specializing in any of the following areas:

- Construction Repair of Bridges and Special Structures
- Concrete Paving and Repair
- Construction Inspection and Testing
- Outdoor Electrical Work
- Erosion Control
- Grading and Drainage Structures
- Guardrails
- Fencing
- Seeding, Sodding and Erosion Control
- Pavement Marking
- Surveying
- Trucking
- Road Construction

Call us at:
517-335-1708
To learn more about our program
or to submit a DBE certification application go to:
WWW.MICHIGAN.GOV/MDOTDBE
CLICK "Apply for MDOT DBE Certification"

DBE
MDOT
Michigan Department of Transportation

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Contact Information

- ▶ Bridge Bundle Project Webpage
- ▶ For information on future MDOT DBE/SBE/M-P Opportunities
 - ▶ Quarterly listing of MDOT projects
 - ▶ Upcoming MDOT Mega project list
 - ▶ MDOT Small Business Page
 - ▶ MDOT 5 Year Plan
- ▶ For information on the Statewide Bridge Bundle Pilot Project
 - ▶ Sue Datta, Sr. Project Manager – dattas@Michigan.gov
 - ▶ Matt Chynoweth, PE, Bureau Director & Project Manager – chynowethm@Michigan.gov



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Question & Answer Session

- ▶ Use the chat feature to ask a question
- ▶ When called on give us your name and what your interest/role in the project is
- ▶ We will make reasonable attempt to address all questions
- ▶ Questions after the event? See [Bridge Bundle Project Webpage](#)
 - ▶ dattas@michigan.gov chynowethm@michigan.gov
 - ▶ saffordr@hntb.com charlie.stein@aecom.com
 - ▶ sundbergn@michigan.gov

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ZOOM Matchmaking Meeting Info

- ▶ We will be using ZOOM Breakouts from this same ZOOM Session
- ▶ You will be invited to your private pre-scheduled Matchmaking Session within this ZOOM call so Stay Tuned
- ▶ Check your Tuesday email for the schedule
- ▶ Sessions run from 2:30PM-5:00PM
- ▶ Refer to your email confirmation for additional resources if needed



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Bridge Bundling Local Agency Pilot

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Thank You!

OCTOBER 23, 2020

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